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AVIATION MINISTRY OFFICIAL ASKS
PRODUCTION OF SPECIAL CONSTRUCTION TOOLS;
KUYBYSHEV GES CHIEF CITES DEFICIENCIES IN EQUIPMENT

NEED TOOLS FOR WIRING, PLUMBING -- Moscow, Moskovskiy Stroitel', 18 Aug 51

A number of mechanisms are still needed for the construction of industrial and residential buildings which the Ministry of Construction- and Road-Machine Building has not put into production. Equipment for wiring and plumbing is especially needed.

Electricians and sanitary engineers lack satisfactory percussion and rotating-action tools for boring through walls. The I-33 electric hammers put out in 1948 by Glavstroyinstrument (Main Administration for the Production of Construction Tools) of the Ministry of Construction- and Road-Machine Building are of low power and poor design; they frequently break down, and cannot easily be repaired in shops located at building sites. For 2½ years the main administration has been promising to produce an effective electric tool for boring through walls -- the I-67 high-frequency machine, equipped with a GEO flexible shaft. The promises have never been met, and construction crews must bore through the walls with whatever means they may have at their disposal.

Since 1948, exhibitions of construction equipment have displayed excellent items in the sanitary engineering field, among them the VMS-11 machine for cutting, bending, and threading pipes. Unfortunately, much of this equipment is put out only by the Ministry of /Heavy?/ Machine Building, and only for its own needs.

The shortage of pipe-cutting machines constitutes a bottleneck in sanitary engineering operations. The pipe-cutting machine brought out by the Main Administration for the Production of Construction Tools in 1948 proved inadequate, and the main administration cannot promise to get out an improved model to builders any sooner than the fourth quarter of 1951.

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There is a considerable need among builders for winches of 3-5 ton capacity. These winches are put out by the Ministry of Electric Power Stations and the Stal'konstruktsiya Trust for their own needs, but the other ministries cannot get them. Meantime, the Ministry of Construction- and Road-Machine Building puts out electric winches of the friction type only, which have a capacity of one ton.

Blocks which can handle steel cable are in particularly urgent demand. Some are put out by the Ministry of Heavy Machine Building, but only in weights of up to 10 tons. As the situation now stands, the construction enterprises themselves have to make heavier blocks if they need them. -- M. Chudnovskiy, chief mechanic of the Construction Trust, Ministry of the Aviation Industry

MODIFICATIONS NEEDED ON EXCAVATOR, DREDGE -- Moscow, Pravda, 21 Nov 51

The 3-cubic-meter excavators which the Kuybyshev GES builders received from the Sverdlovsk Uralmash Plant were intended for work in rocky soil, and thus were not suitable for work in the clayey soil at the construction site. Accordingly, a representative of the GES project suggested to the plant authorities that the excavators bucket be adapted to the clayey soil. Satovskiy, Chief engineer of the plant, drew up a new design for the bucket, and the plant has pledged to turn out the improved buckets from saved metal.

The heavy suction dredge, with a capacity of 1,000 cubic meters of earth per hour, just arrived from the Stalingrad Shipyard, and the Pyatiletka ladder dredge of 750 cubic meters per hour capacity, which was just towed in from Gor'kiy, are construction machines without equal in the world. Yet it would have been far easier to put them into productive operation at the Kuybyshev GES site if the designers and technologists of the enterprises which built them had accompanied them to their destination to help in the solution of the many practical problems which have arisen. It has been found, for example, that a number of special rigs will be required to facilitate the operation of the Pyatiletka under winter conditions, and help will have to come from the Gor'kiy Krasnoye Sormovo Plant on this problem.

The GES builders have serious grievances against some of the enterprises providing construction equipment. The Sterlitamak Construction-Machinery Plant, to name one, has sent steam-pneumatic pile drivers having serious defects. The plant should improve the design of pile drivers now in production, and should put out differential-action models with a high productivity. Some plants are sending machinery without complete sets of parts. A group of pumps arrived at the Kuybyshev GES site from the Sumi Pump Plant minus filters. This was in March. The pumps still have no filters, and, of course, have been of no use. The story of the pumps is well known to the Ministry of Machine and Instrument Building, but nothing has been done about it. -- I. Komzin, chief, Kuybyshevgidrostroy Trust

FAIL BEHIND ON EXCAVATOR DELIVERIES -- Moscow, Pravda, 16 Jun 51

The Kiev Krasnyy Ekskavator Plant is behind on deliveries of multiple-bucket excavators to the Volga-Don Canal project.

FAIL TO SUPPLY SPARE PARTS -- Moscow, Pravda, 16 Jun 51

The Voronezh and Kovrov excavator plants are failing to supply spare parts to the Volga-Don Canal builders.

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CASTINGS ARRIVE LATE; MANY DEFECTIVE -- Leningradskaya Pravda, 5 Jul 51

Not long ago, the Ministry of Construction- and Road-Machine Building ordered the Leningrad Promet Plant to turn out 135 bronze and 470 iron castings for the Leningrad Construction Machinery Plant of Glavstroy Mash (Main Administration for the Production of Construction Machines). The Construction Machinery Plant was to use these castings in the manufacture of six units of machinery for lock No 15 of the Volga-Don Canal. These units were scheduled for delivery to the canal builders in June, but the target has not been met because the Promet Plant has provided none of the bronze castings ordered, and only 407 of the iron castings, 49 of which were defective.

The Construction Machinery Plant has complained about the situation to the party organization of the Promet Plant, and to Slepukhin, the director. The party organization has not responded, and Slepukhin coolly remarks that his plant has not had time to take care of the order.

It is high time for the Kalininskiy Rayon Party Committee to force the Promet Plant to give the order the serious consideration it deserves. The Construction Machinery Plant must put out 14 complex mechanisms for the Volga-Don locks this month, and it is hoped that the required castings for these mechanisms will be supplied in sound condition and within the specified time limits. -- S. Sal'nikov, secretary, Party Bureau of the Leningrad Construction Machinery Plant

ORDERS SUBMITTED WITHOUT PLANS HOLD UP PRODUCTION -- Moscow, Trud, 2 Jun 51

The Kishinev Machinery Plant imeni Kotovskiy, which has contributed many pneumatic hammers to construction crews, has recently had its progress retarded because orders for equipment are being submitted without accompanying blueprints, and many of the blueprints which designers of the Ministry of Local Industry provide are so poor as to require a great deal of reworking by the plant's own designers.

Recently the ministry ordered the plant to establish production of rock-cutting and rock-grinding machines by 1 April, but the plans for these machines did not arrive until mid-April. When they did arrive, they proved unacceptable. To make matters worse, the motors which the ministry ordered for the plant to put into the machines turned out to be the wrong kind.

As a result of this inefficiency, the Kishinev Machinery Plant imeni Kotovskiy did not put out a single machine, either in April or in May, although the plan called for production of 46. Complaints have been tendered to the ministry, but beyond making promises, nothing has been done. Tyaglovskiy, plant director, evades the issue by turning production into other channels instead of striving to rectify existing evils. The plant has stopped work on pneumatic hammers, and is now making worm gears for trolley busses.

The obstacles in the way of full and smooth production must be removed. -- Letter from a member of the trade union organization of the Kishinev Plant imeni Kotovskiy

MEET FIVE-YEAR QUOTA EARLY -- Moscow, Moskovskaya Pravda, 15 Jun 51

The Dmitrov Excavator Plant fulfilled its Five-Year Plan for production of multiple-bucket excavators ahead of time, and successfully met the plan in its other aspects within the time limit. Total output for 1950 considerably surpassed the 1947 figure.

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The plant has successfully pursued its campaign to save money and a material. A change in the design of the crawler element for the ESh-251 excavator should save the plant over one ton of metal for each machine built.

MOSCOW ROAD MACHINES MOSTLY DOMESTIC MAKES -- Moscow, Moskovskaya Pravda,
7 Jun 51

Seventy percent of the road machines working on highways in the Moscow area were built between 1947 and 1950 in USSR plants.

CONTRIBUTE CONSTRUCTION MACHINERY -- Moscow, Komsomol'skaya Pravda,
9 Jun 51

The industrial output of the city of Tyumen' includes construction machinery and equipment.

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